

Message Text

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INFO OCT-01 EUR-12 ISO-00 OIC-02 ACDA-12 CIAE-00
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TO SECSTATE WASHDC 6926
INFO USDOEHQ WASHDC
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USIAEA

DEPT PASS IO/SCT, S/AS, OES AND ACDA
DOE PASS IA, AMMONS, GIAMBUSSO, BENGLES DORF, CUNNINGHAM,
AND MOSS

E.O. 11652: N/A
TAGS: IAEA, ENRG, TECH
SUBJECT: INFCE: SUMMARY REPORT OF THE SECOND MEETING OF
THE TECHNICAL COORDINATING COMMITTEE HELD IN VIENNA ON
12-14, 1978

1. FOLLOWING IS SYNOPSIS OF SEVEN-PAGE "SUMMARY REPORT OF
THE SECOND MEETING OF THE TECHNICAL COORDINATING COMMITTEE
OF THE INTERNATIONAL FUEL CYCLE EVALUATION HELD IN VIENNA
ON 12-14, 1978" (INFCE/TCC/2/6). SEVERAL COPIES TOGETHER
WITH US, UK AND INDIAN STATEMENTS ON PROLIFERATION ASPECTS
AND DIRECTOR GENERAL'S STATEMENT TO TCC WILL BE MAILED
TO GIAMBUSSO BY AMB. KIRK WHEN HE ARRIVES IN U.S.
TOMORROW. ADDITIONAL COPIES WILL BE POUCHED WHEN
RECEIVED FROM IAEA.

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"THE MEETING WAS ATTENDED BY THE 22 CO-CHAIRMEN OF THE
8 INFCE WORKING GROUPS. A FURTHER 11 STATES AND FOUR
INTERNATIONAL ORGANIZATIONS WERE REPRESENTED BY OBSERVERS.

REPORTS OF WORKING GROUP CO-CHAIRMEN (AGENDA ITEM 3)

- BRIEF ORAL PRESENTATIONS BY WORKING GROUP CO-CHAIRMEN,

BASED ON WRITTEN REPORTS TO THE TCC, WERE FOLLOWED BY QUESTIONS AND DISCUSSION.

- IN GENERAL, IT APPEARED THAT THE PROCESS OF CONSULTATION BETWEEN CO-CHAIRMEN OF DIFFERENT WORKING GROUPS ON MATTERS OF COMMON CONCERN WAS PROCEEDING SATISFACTORILY. IT WAS GENERALLY CONSIDERED THAT THE SAME PROCEDURES FOR INTER-GROUP CONSULTATIONS SHOULD BE FOLLOWED IN THE FUTURE WITH REGARD TO ISSUES IDENTIFIED IN THE WORKING GROUP REPORTS AS BEARING ON THE TERMS OF REFERENCE OF TWO OR MORE WORKING GROUPS.

- IT WAS RECOGNIZED THAT, GIVEN THE SHORT TIMETABLE OF INFCE, NO WORKING GROUP COULD AWAIT THE CONCLUSION OF THE WORK OF OTHER GROUPS TO PROVIDE DATA AS INPUTS TO ITS OWN REPORT. EACH WORKING GROUP WOULD THEN BE ABLE TO ACCOMMODATE FULLER OR MORE DEFINITIVE DATA, AS IT BECAME AVAILABLE FROM RELATED GROUPS, IN SUBSEQUENT ITERATIONS OF ITS OWN REPORT.

- IN GENERAL, IT WAS CONSIDERED THAT THE PROGRESS MADE TO THIS POINT HAS BEEN SATISFACTORY. A NUMBER OF CO-CHAIRMEN STRESSED THE NEED FOR ALL WORKING GROUPS TO ESTABLISH PRIORITIES AND TO FOCUS ON ESSENTIAL ISSUES IN VIEW OF THE LIMITED TIME AVAILABLE.

MATTERS ARISING OUT OF THE REPORTS OF WORKING GROUP CO-CHAIRMEN AND REQUIRING COORDINATION BY THE TCC (AGENDA ITEM 4)

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- (A) TECHNICAL COORDINATING PROBLEMS

- IN RELATION TO THE CREATION OF A COHERENT DATA BASE FROM QUESTIONNAIRE RESPONSES, IT WAS STATED THAT SOME DUPLICATION BETWEEN THE DIFFERENT WORKING GROUPS WAS UNAVOIDABLE. A CIRCULATION OF RESULTS AND LIAISON BETWEEN THE WORKING GROUPS IS DESIRABLE IN ORDER TO OBTAIN A CONSISTENT AND COHERENT DATA BASE.

- THE IAEA OFFERED THE SERVICES OF ITS COMPUTER FACILITIES FOR THE NECESSARY INFCE LOGISTICAL CALCULATIONS. THE DETAILS OF THE AGENCY'S OFFER, AS OUTLINED IN INFCE/WG.1/10, WERE PRESENTED. IT WAS STRESSED THAT, IN ORDER TO BE MOST HELPFUL TO INFCE, THE IAEA WILL REQUIRE ASSISTANCE FROM A NUMBER OF WORKING GROUPS IN DEFINING THEIR CALCULATIONAL NEEDS AND THE CHARACTERISTICS, PARAMETERS AND STRATEGIES OR SCENARIOS THAT ARE NEEDED AS INPUT. THE AGENCY WILL PROCEED WITH DEVELOPMENT OF ITS COMPUTER PROGRAMS TO HAVE THEM OPERATIONAL IN SEPTEMBER AND IN PRODUCTION USE BY OCTOBER 1978. THE AGENCY WILL CIRCULATE PROPOSED TECHNICAL PARAMETERS TO THE WORKING GROUPS CONCERNED TO GIVE THEM AN OPPORTUNITY TO INDICATE

ANY CHANGES OR ADDITIONS THAT WOULD BE REQUIRED OR DESIRABLE. THE EARLY CALCULATIONAL NEEDS FOR THE JOINT SUB-GROUP 1A/2A CAN BE MET WITH CODES THAT ARE NOW OPERATIONAL ON THE AGENCY'S COMPUTER.

- IT WAS AGREED THAT THE LEAD RESPONSIBILITY FOR DEVELOPING THE "HIGH" AND "LOW" SCENARIOS ON REGIONAL AND GLOBAL LEVELS FOR THE CALCULATION OF URANIUM AND FUEL CYCLE DEMANDS UP TO THE YEAR 2025 WILL BE ASSUMED BY WORKING GROUPS 1 AND 2 OPERATING THROUGH THE JOINT SUB-GROUP 1A/2A. THE TASK WILL INVOLVE NOT ONLY URANIUM, HEAVY WATER AND ENRICHMENT DEMANDS AND AVAILABILITY BUT

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ALSO THE OTHER QUANTITATIVE ELEMENTS OF THE FUEL CYCLE. PARTICULARLY FOR THE PERIOD AFTER 2000 THE JOINT SUB-GROUP WOULD RELY ON INPUTS FROM WORKING GROUPS 4, 5 AND 8 AS TO THE RESPECTIVE FUEL CYCLES WITH WHICH THEY ARE CONCERNED. A PRELIMINARY APPRAISAL OF THE PERIOD UP TO 2000 WILL BE AVAILABLE SHORTLY AFTER THE SUB-GROUP 1A/2A WORKSHOP IN JULY AND AN OUTLINE OF THE JOINT SUB-GROUP'S APPROACH WITH SUGGESTED SCENARIOS WOULD BE READY FOR CONSIDERATION AT THE NEXT MEETING OF TCC IN OCTOBER 1978. THE WORKING GROUPS CONCERNED WERE URGED TO MAINTAIN LIAISON WITH THE JOINT SUB-GROUP SO THAT THEY WOULD BE AWARE OF THE PROGRESS OF ITS WORK.

- IN RELATION TO THE ASSESSMENT FACTORS WHICH ARE TO BE USED BY THE WORKING GROUPS IN THEIR EVALUATIONS, IT WAS RECOGNIZED THAT THOSE COULD BE BROADLY GROUPED IN THE FOLLOWING AREAS: TECHNICAL, ECONOMIC, ENVIRONMENTAL (INCLUDING HEALTH AND SAFETY) AND PROLIFERATION ASPECTS.

EACH OF THOSE CATEGORIES OF FACTORS WAS DISCUSSED BRIEFLY. IT WAS AGREED THAT ALTHOUGH NATIONAL PHYSICAL PROTECTION MEASURES WERE OUTSIDE THE TERMS OF REFERENCE OF INFCE, VULNERABILITY OF A FUEL CYCLE TO DIVERSION AND PROLIFERATION WOULD BE PART OF THE PROLIFERATION CON-
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SIDERATIONS.

- THE US, UK AND INDIA MADE STATEMENTS AS TO PROLIFERATION ASSESSMENT FACTORS, WHICH WERE CIRCULATED.
- INASMUCH AS INFCE IS STILL AT A STAGE INVOLVING PRIMARILY THE GATHERING OF INFORMATION, IT WAS FELT THAT IT WAS UNNECESSARY AT THIS TIME TO TAKE A DECISION ON THE QUESTION OF UNIFORM ASSESSMENT FACTORS. AS WORKING GROUPS PROCEED ON THOSE ISSUES, MORE DIRECT GUIDANCE MIGHT BE NEEDED FROM TCC, AND A FURTHER DISCUSSION OF THIS MATTER, IN THE LIGHT OF THE PROGRESS MADE IN THE WORKING GROUPS, IS TO BE SCHEDULED AT THE OCTOBER 1978 TCC MEETING.

- (B) FORMAT OF WORKING GROUP REPORTS

- IT WAS AGREED THAT WORKING GROUPS WOULD ENDEAVOR TO PREPARE PRELIMINARY OUTLINES OF THEIR FINAL REPORTS FOR CONSIDERATION AT THE TCC MEETING IN OCTOBER 1978 AND THAT A CORRESPONDING ITEM WOULD BE INCLUDED IN THE AGENDA FOR THAT MEETING.

- (C) OTHER MATTERS REQUIRING COORDINATION BY TCC

- IT WAS AGREED THAT SUCCINCT SUMMARY REPORTS OF THE TCC MEETING WOULD BE PREPARED. THE DRAFT TEXT WOULD BE CIRCULATED AS SOON AS POSSIBLE TO THE WORKING GROUP CO-CHAIRMEN, TO GIVE AN OPPORTUNITY FOR COMMENTS AND AMENDMENTS.

SCHEDULES AND ORGANIZATION (AGENDA ITEM 5)

- (A) REPORT ON IAEA PARTICIPATION IN INFCE

- THE DIRECTOR GENERAL PRESENTED A REPORT ON THE
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CONTRIBUTION OF THE IAEA TO THE INFCE STUDY.

- (B) TECHNICAL MATTERS

- THE TCC ACCEPTED AND APPROVED THE ARRANGEMENTS WITH RESPECT TO DOCUMENTATION SET FORTH IN INFCE/TCC.2/2. IT WAS FURTHER DECIDED THAT DOCUMENTS IN THE INFCE SERIES (OTHER THAN PURELY PROCEDURAL ITEMS SUCH AS DATES OR AGENDAS OF MEETINGS AND PRESS COMMUNIQUE) SHOULD BE DISTRIBUTED FOR USE OF GOVERNMENTS ONLY AND SHOULD NOT BE GENERALLY AVAILABLE. IT WAS UNDERSTOOD THAT "GOVERNMENT USE" INCLUDES USE BY CONSULTANTS, ADVISERS AND OTHERS DESIGNATED BY GOVERNMENT AUTHORITIES IN CONNECTION WITH WORK ON INFCE.
- IT WAS AGREED THAT THE DATE OF THE FINAL PLENARY CONFERENCE WOULD BE DETERMINED BY THE PLENARY CONFERENCE AND THAT THE TCC AT ITS NEXT MEETING SHOULD MAKE A RECOMMENDATION TO THE PLENARY. MEANWHILE THE IAEA SECRETARIAT WAS ASKED TO TRY TO MAINTAIN BOTH THE SEPTEMBER 1979 AND FEBRUARY 1980 RESERVATIONS ON THE VIENNA FACILITIES, BUT IF THAT SHOULD PROVE IMPOSSIBLE, TO CANCEL THE SEPTEMBER AND MAINTAIN THE FEBRUARY DATE. IT WAS RECOGNIZED THAT THE FINAL PLENARY CONFERENCE DID NOT NECESSARILY HAVE TO TAKE PLACE IN VIENNA.
- (C) WORKING GROUP SCHEDULES
- IT APPEARED THAT FIVE PHASES WERE RELEVANT:
- COMPLETION OF DRAFT WORKING GROUP REPORTS;
- CONSIDERATION OF DRAFT REPORTS BY THE TCC;
- COMPLETION OF FINAL WORKING GROUP REPORTS;
- CONSIDERATION OF FINAL REPORTS BY THE TCC; AND
- PREPARATION FOR PRESENTATION TO FINAL PLENARY CONFERENCE.

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AS TO THE FIRST PHASE, IT WAS DECIDED THAT THE DEADLINE FOR COMPLETION OF DRAFT WORKING GROUP REPORTS WOULD BE MAY 31, 1979. THE REMAINDER OF THE SCHEDULE WILL BE CONSIDERED AGAIN AT THE OCTOBER 1978 TCC MEETING.

- (D) OCTOBER 1978 TCC MEETING AND NOVEMBER 1978
PLENARY CONFERENCE

- THE NEXT MEETING OF THE TCC WILL BEGIN ON OCTOBER 23, 1978 AND THE PLENARY CONFERENCE WILL BEGIN ON NOVEMBER 27, 1978, BOTH TO BE HELD IN VIENNA.
- IT WAS DECIDED THAT INVITATIONS TO THE PLENARY CONFERENCE SHOULD BE SENT TO ALL COUNTRIES THAT HAVE PARTICIPATED IN THE WORK OF INFCE AND TO ANY OTHER COUNTRIES THAT MIGHT EXPRESS A DESIRE TO PARTICIPATE. FORMAL PLENARY CONFERENCE DOCUMENTS, SUCH AS THE CALL FOR THE CONFERENCE, THE AGENDA, ANY REPORT OF THE TCC PREPARED ESPECIALLY FOR THE CONFERENCE AND ANY COMMUNIQUE, WOULD BE PRODUCED IN THE FOUR OFFICIAL IAEA LANGUAGES. ALL OTHER DOCUMENTS COULD APPEAR ONLY IN ENGLISH.
- IT WAS AGREED THAT THE TCC SHOULD PREPARE A PROVISIONAL AGENDA FOR THE NOVEMBER PLENARY CONFERENCE. THE MAIN
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BUSINESS TO BE CONDUCTED APPEARED TO BE AS FOLLOWS:

- A) TO RECEIVE AND REVIEW PROGRESS REPORTS FROM THE
- WORKING GROUPS AND/OR THE TCC;
- B) TO DECIDE ON THE DATE OF THE FINAL PLENARY CONFERENCE;
- C) TO DECIDE ON THE FORM AND SCOPE OF THE FINAL INFCE
- REPORT AND THE PROCEDURE BY WHICH IT SHOULD BE
- DEVELOPED.

- PROFESSOR CHAYES WAS REQUESTED AND AGREED TO SERVE AS TEMPORARY CHAIRMAN FOR THE THIRD MEETING OF THE TCC IN OCTOBER 1978 AND, IN THAT CAPACITY, TO UNDERTAKE PREPARATIONS FOR THAT MEETING IN CONSULTATION WITH CO-CHAIRMEN AND THE IAEA SECRETARIAT. THE UNITED STATES DELEGATION AGREED TO MAKE PROFESSOR CHAYES AVAILABLE ON THIS BASIS." KIRK

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Message Attributes

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